

Beach Access Guiding Principles

May 29, 2019

Beach Access and Dune Protection Plan Review Ad Hoc Committee



Beach Access Plan Review Workflow

Committee and Stakeholder Input



1. Finish collecting input from committee

2. Town Hall Meeting #1 with Stakeholders, 24 Jan 2019

3. Workshop with City Council, 13 December 2018

4. Consider and Incorporate Stakeholder and Council Input

Draft Plan Preparation & Review



- 5. Staff prepare a Draft Plan(Ad Hoc Committee begins review of Dune Protection Standards)
- 6. Staff bring Draft Plan back to committee to review

- 7. Town Hall Meeting #2 with Stakeholders, 4 Apr 2019
 - Discussion with Subdivisions, Property Owners' Associations, Developers
 - b. Consider and Incorporate Stakeholder Input

Final Draft of Plan



8. Revise and Refine, Prepare Final Draft of Plan

- 9. Review Final Draft with Committee
 - a. Committee and Staff to Prepare Implementation Plan, to Prioritize Implementation of Recommendations.

10. Present Final Draft to Planning Commission and City Council, July 2019



Guiding Principles





"The public . . . shall have the free and unrestricted right of ingress and egress to and from the state-owned beaches."

Acronyms and Terms

ALPHABETIZE THIS LIST:

- Accretion: the process of growth or increase, typically by the gradual accumulation of additional layers or matter
- ADA: The Americans with Disabilities Act, 1990
- AP: beach access point
- **Erosion**: the gradual destruction or diminution of something.
- **GLO**: the Texas General Land Office
- LOV: line of vegetation
- OBA: Open Beaches Act, enacted by State legislature in 1959
- **ROW**: right of way
- Shoreline change rate: the Texas Bureau of Economic Geology's estimate of yearly accretion or erosion at a particular transect based on data collected over an extended period
- Transect: a straight line through a natural feature (beachfront) along which observations are made or measurements are taken
- **"T-Head" Parking Area:** On-Beach Accessible Parking Area, as defined in the GLO Beach Accessibility Guide. Existing examples at AP-25, AP-26, AP-30, AP-31 (<u>link</u>)
- Model Access Point: DEFINE An access point with parking, restrooms, ADA accessible walkovers, ADA golf cart access, food,
- Effective sand management plan: DEFINE
- Critical Dune Area:



GLO Requirements

For restricting vehicular access to Texas beaches



- Provide beach access to public every ½ mile (The Texas Accessibility Standards require ADA accessible parking and ingress/egress routes within every 2 miles).
- For every 15-feet of linear beachfront restricted to vehicular access, designate 1 public parking space.
- Conspicuous signage must be posted to show the public the nature and extent of vehicular controls, parking areas, and access points.

Beach Access Guiding Principles in accordance with the Open Beaches Act

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- Free and unrestricted beach access should be available to the citizens of Texas, meeting or exceeding the Open Beaches Act standards.
- Promote diversity of uses in a safe and sustainable manner.
- Ensure the integrity and sustainability of the natural system and resources.
- Respect and recognize the rights of adjacent private property.
- Meet the GLO's accessibility (ADA) guidelines.
- Encourage beach patrons to utilize beach access points with amenities.
- Provide consistent, clear, and adequate signage.

Action Items

1. Vehicular Access and Parking



3. Improvement of Access Points

4. Preservation of Natural Resources



1. Vehicular Access and Parking:

- a) Explore opportunities, where feasible, to relocate on-beach vehicular access to off-beach parking locations.
- b) Locate parking in areas that minimize traffic and safety hazards when locating off-beach parking on neighborhood streets.
- c) Meet or exceed the GLO's accessibility (ADA) guidelines.
- d) Meet or exceed the minimum required parking standard for off-beach vehicular parking.
- e) Identify specific locations where off-beach paid parking access points are appropriate to fund operation & maintenance of amenities.



2. Signage and Wayfinding:

Consistent location, design, and message on signage at each access point, to notify the public:

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- a. Consistent location and identification of the access points.
- b. Parking capacity.
- c. Where parking is allowed (and, in some cases, where it is not).
- d. Pedestrian path/walkover locations.
- e. Accessible/ADA access locations.
- f. General beach rules (what is allowed, what is prohibited, reference ordinances, who to call for wildlife, public safety).

3. Improvement of Access Points:

a. Identify locations where access point amenities are appropriate (bathrooms, showers, off-beach parking areas).



- b. Identify parking control measures (bollards, sand fences).
- c. Consolidate and enhance off-beach parking and access point locations.
- d. Preserve and enhance access for the diversity of beach access users: recreational, fishing, surfing, kayaking, and ADA.
- e. Minimize on-beach vehicular access on eroding beaches.

4. Preservation of Natural Resources:

- a. Minimize impacts to natural resources where on-beach vehicular access/parking is provided.
- b. Utilize pervious surfaces where off-beach parking and amenities are provided.
- c. Minimize wind-blown sand from leaving the beach area with effective sand management.
- d. Encourage beach access roads and pathways to comply with GLO guidelines (width, angle and elevation).
- e. Promote dune walkovers and stabilized mats for pedestrian beach access pathways.
- f. Monitor beach access points and amenities to ensure compliance.





Access Point Review





AP-1: Apffel Park

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Y	 AP meets GLO accessibility (ADA) guidelines. AP meets GLO required parking standards. Study is needed re: flooding that occurs throughout access point. Linear Ft of Beach: 3,887 Parking: 7,000 spaces Parking Required: 260 spaces
Signage and Wayfinding	Υ	 Conspicuous signage is installed directing public to access point and parking area. Conspicuous signage is installed at entrance listing general beach rules and contacts. Install uniform "branded" City Signage indicating Beach Access – existing signage is not uniform with other access points.
Improvement of Access Point	N	Study flooding that occurs and impedes public access to beach and free parking area.
Restoration & Preservation of Natural Resources	Υ	 Impacts to natural resources are minimized by the use of pervious surfaces. Bollards outline parking the area to protect dunes and beach outside of parking area.
Special Comments	This is an accreting beach. Shoreline change rate: +15.5/ yr.; Median transect: 831.5	









AP-1(A): Beachtown

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Designate off-beach public parking areas with striping or signage. Study and repair flooding that occurs in East Village development and impedes public access to on-beach and free parking area. Property owner to study flooding that occurs and impedes public access to the beach at Apffel Park Drive parking area, and develop a mitigation plan. Linear Ft of Beach: 4,629 Parking: 329 spaces Parking Required: 309 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded and list general beach rules; Add signage to identify ADA-designated parking. Current signs are not easily observed and are undersized.
Improvement of Access Point	Υ	 AP is on an accreting beach with two dedicated ADA dune walkovers. Dune walkovers need to be monitored as this is an accreting beach and the walkovers may need to be extended to meet growing LOV.
Restoration & Preservation of Natural Resources	Υ	 Impacts to natural resources are minimized by use of off-beach parking area and use of pervious surfaces. AP reflects effective sand management practices.

Special Comments

On-beach parking area is privately-owned, resulting in concern of ability of City to maintain AP. Four separate access areas with corresponding transects and respective shoreline change rates in ft/yr: 845: +16.6; 853: +15.3; 864: +13.8; 871: +12.6.





AP-1(B): Palisade Palms

CAD		
Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Parking lot at buildings provides ADA access. Linear Ft of Beach: 1,595 Parking: 54 spaces Parking Required: 107 spaces deficit parking
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers to public beach parking area and list general beach rules; Add signage to identify ADA-designated parking; Current signs are not easily observed and are undersized.
Improvement of Access Point	Υ	 ADA dune walkover is provided. Dune walkover needs to be observed as this is an accreting beach and the walkovers will need to be extended to meet growing LOV and comply with GLO Beach Accessibility Guide.
Restoration & Preservation of Natural Resources	Υ	 Parking area ensures impacts to natural resources are minimized. Optimizes use of impervious surfaces. This AP reflects effective sand management practices.
Special Comments	Open up employee/staff parking area as public beach access parking until temporary lot to the east has been repaired/restored. Shoreline change rate: +9.2 ft/yr.; Transect: 882	





AP-1(C): West of the Islander East (Grand Beach Area)

Guiding Principles	Conforms to Guiding Principles		
Vehicular Access and Parking	Y	 ADA access is provided from parking area to the beach; Exceeds the minimum required parking standards for off-beach vehicular parking; minimizes traffic and safety hazards on neighborhood streets by providing off-beach parking area. (Correct this line) Linear Ft of Beach: 3,653 Parking: 400 spaces Parking Required: 243 spaces 	
Signage and Wayfinding	Υ	• Compliant	
Improvement of Access Point	Υ	 Recognize that a portion of this area should be designated as Access Point 1-D: Preserve at Grand Beach, which is a gated subdivision. 	
Restoration & Preservation of Natural Resources	Y	 Off-beach parking area ensures impacts to natural resources are minimized. AP minimizes use of impervious surfaces. AP reflects effective sand management practices. 	
Special Comments	Recommend relocating the bollard line to the west of the dune walkover at AP-1(C) in order to reduce on- beach vehicular access to protect natural resources and ensure public safety. This is an ideal AP. Shoreline change rate: +2.6 ft/yr; Transect: 889		

AP-1(D) (Proposed) Preserve at Grand Beach Access Point



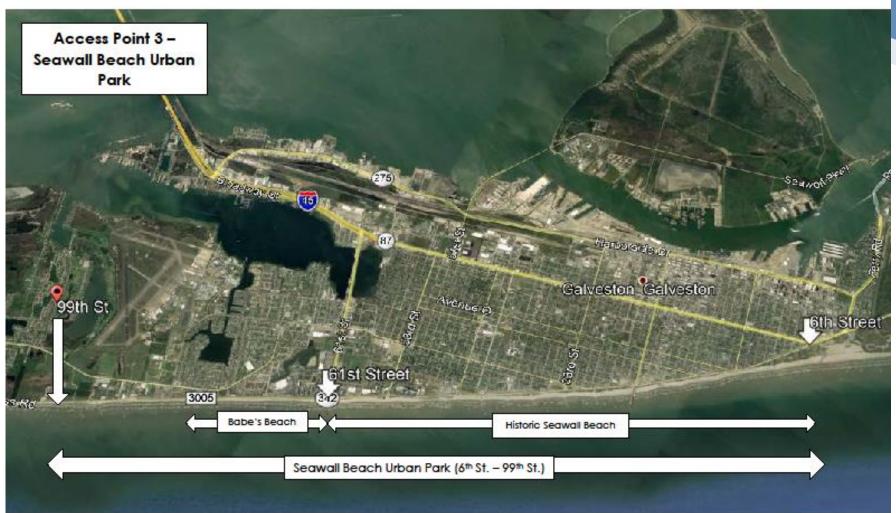
Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Υ	 Vehicular access available from Stewart Beach Park (AP-2) for restricted use (non-motorized boat launching, ADA, fishing) (Add Linear Footage of beach)
Signage and Wayfinding	N	Add signage once access is provided.
Improvement of Access Point	N	Adequate off-beach access has not been provided.
Restoration & Preservation of Natural Resources		
Special Comments	No access to the beach for the public is provided from within the adjacent subdivision.	
5p 25.0 00	Access and parking for other beach users is not provided.	





AP-2: Stewart Beach

Guiding Principles	Conforms to Guiding Principles	Recommendations	
Vehicular Access and Parking	Υ	 On-beach parking provides ADA accessibility and exceeds required parking spaces. Linear Ft of Beach: 2,640 Parking: 2,000 spaces Parking Required: 176 spaces 	
Signage and Wayfinding	Y	 Add conspicuous signage to free parking area. The location of access point, public parking and beach rules are visibly marked; On-beach parking provides ADA access. 	
Improvement of Access Point	N	 Fix drainage problem due to chronic flooding that impedes parking/public access. AP amenities are provided. AP is ADA accessible. AP preserves and enhances access for the diversity of beach access users. 	
Restoration & Preservation of Natural Resources	Y	 Parking areas ensure impacts to natural resources are minimized. AP minimizes use of impervious surfaces. AP reflects effective sand management practices. 	
Special Comments	Fix drainage problem impeding parking. Average shoreline change rate: +4.0 ft/yr.; Median transect: 918.5 Fees are collected at this access point for off-beach parking (free parking area also available)		





AP-3: Seawall Beach Urban Park

Special Comments

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Re-distribute free parking spaces equally as per language in existing plan. Ensure there are sufficient number of ADA parking spaces. Mark pavement to indicate location of each parking space (north side). Linear Ft of Beach: 33,884 Parking: 230 free spaces (??? Total spaces) Parking Required: 2,259 spaces
Signage and Wayfinding	N	 Install conspicuous signage/pavement markings to indicate location of free parking. Install directional signage to ADA ramp. Explore ways to consolidate signs on existing poles (reduce # of poles).
Improvement of Access Point	N	 Master Public Access Plan is Needed Identify and prioritize where public and ADA accessible should be improved. Add more bicycle racks, restrooms, showers. Reduce light pollution from beach amenities. Improve safety of crossings from north side of Seawall parking areas to beach.
Restoration & Preservation of Natural Resources	N	 Develop and Implement plan to deter wind-blown sand from leaving beach/seawall area, such as dune vegetation planting, hay bales, etc. Develop and implement plan for outfall runoff erosion mitigation. Recommend scheduled/routine beach nourishment.
Special Comments	Master Public Access Plan is Needed	

Average shoreline change rate: -3.3 ft/yr.; Median transect: 1054.5





AP-4: End of Seawall

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Guiding Principles	Conforms to Guiding Principles	Recommendations	
Signage and Wayfinding	N	 N/A Linear Ft of Beach: 1,025 Parking: 150 spaces Parking Required: 69 spaces 	
Vehicular Access and Parking	N	• N/A	
Improvement of Access Point	N	This area has potential as a lookout point.	
Restoration & Preservation of Natural Resources	N	• N/A	
Combine this access point with AP-3 Seawall, include in Master Access Plan study area. Special Comments This is a highly eroding and dangerous area; no public access to beach should be encouraged. Shoreline change rate: -7.6 ft/yr.; Transect: 1157			





AP-5: Dellanera RV Park

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Guiding Principles	Conforms to Guiding Principles	Recommendations	
Vehicular Access and Parking	N	 ADA access is provided from parking area to the beach. Verify parking area. Need a current public parking space count & admission price, if applicable. Linear Ft of Beach: 1,095 65 RV Parking Spaces, and 35 Beach User Parking Spaces Parking Required: 73 spaces 	
Signage and Wayfinding	N	 AP has as conspicuous signage directing the public to the access point from FM-3005. Add conspicuous signage to identify public parking areas within RV Park. 	
Improvement of Access Point	Υ	 AP amenities are provided. AP has ADA accessible walkover. AP preserves and enhances access for diversity of beach access users. 	
Restoration & Preservation of Natural Resources	Y	 Impacts to natural resources are minimized by use of off-beach parking area. (This is an eroding beach.) 	
Special Comments	No designated free public parking is available at this fee-based RV park. Verify ADA parking. This is a highly eroding beach. Shoreline change rate: -9.9 ft/yr.; Transect: 1166		

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AP-6: Pocket Park #1

Guiding Principles	Conforms to Guiding Principles	Recommendations	
Vehicular Access and Parking	N	 Designate off-beach parking areas to accommodate beachgoers and help slow the process of erosion. Linear Ft of Beach: 1,690 Parking: 200 spaces Parking Required: 113 spaces 	
Signage and Wayfinding	Y	 There is conspicuous signage directing the public to the access point and parking area; 	
Improvement of Access Point	N	 Renovate original off-beach parking lot to provide required spaces. Investigate flooding that occurs in parking area. Install stabilized beach mat to provide ADA access. 	
Restoration & Preservation of Natural Resources	N	 Eliminate on-beach parking. Minimize wind-blown sand from leaving the beach area with effective sand management. This is a high erosion area. 	
Special Comments	Eliminate on-beach parking. Develop this Access Point as model concept off-beach parking area with amenities. This is a highly eroding beach. Shoreline change rate: -10.3 ft/yr.; Transect: 1176 Park is under ownership of Galveston County, management by City.		





AP-7: 8-Mile Road (including Sunny Beach)

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Move on-beach parking to city-owned ¾ acre property and 8-Mile Road ROW. Dedicate on-beach ADA parking with approx. 20-spaces. 1,300 linear feet of unrestricted vehicular access, approx. 1,900 linear feet of restricted access (to west side of Pocket Park #1)
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage and list general beach rules. Add signage to identify ADA-designated parking.
Improvement of Access Point	N	 Encourage any amenities at this access point to be off-beach, because it is an eroding beach. Relocate on-beach bollards to match the dimensions of the 8-Mile Road ROW, approximately 80', to create an on-beach ADA parking area, and serve as a turn-around/drop off location for non-motorized watercraft, anglers, etc.
Restoration & Preservation of Natural Resources	N	 Minimize wind-blown sand from leaving the beach area with effective sand management. (This is an eroding area).
Special Comments	-	cess Point as model concept off-beach parking area. This is a highly-eroding beach. e rate: -10.2 ft/yr.; Transect: 1189

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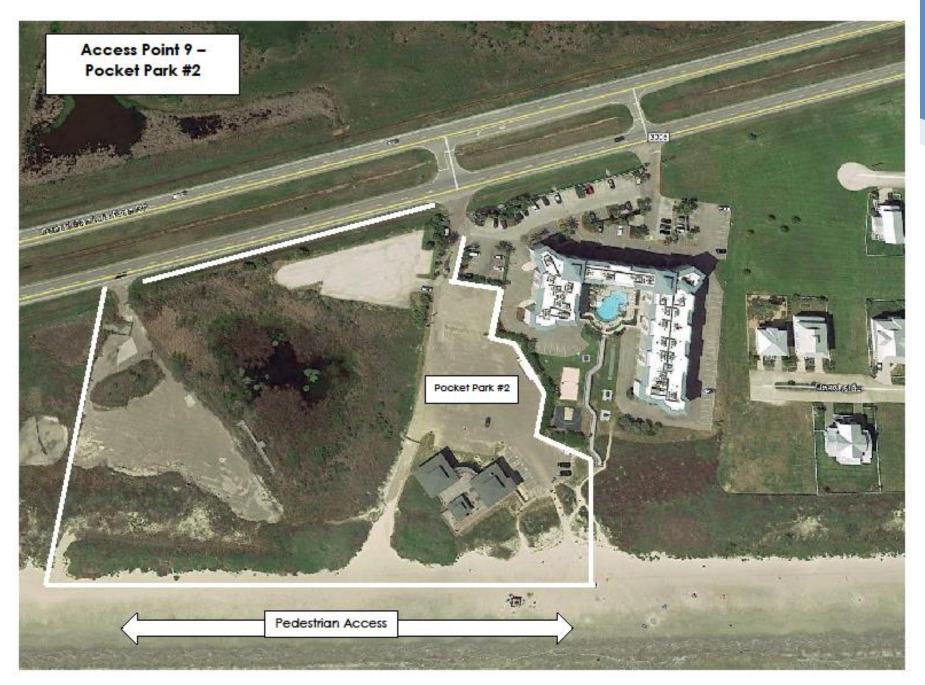


AP-8: Beachside Village Subdivision

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Designate off-beach parking areas to accommodate beachgoers during the day and after subdivision gates close at 9pm. Linear Ft of Beach: 2,212 Parking: 148 spaces Parking Required: 148 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers to public beach parking area and list general beach rules. Add signage to identify ADA-designated parking. Add signage for after-hours parking.
Improvement of Access Point	N	 Review parking control measures due to the subdivision gate closing at 9pm by GLO request.
Restoration & Preservation of Natural Resources	Υ	 AP minimizes impacts to natural resources by providing off-beach parking along subdivision streets. AP minimizes use of impervious surfaces. AP reflects effective sand management practices. (This is an eroding area).
	This is a highly a	wading basek. Define offective cond management proctices

Special Comments

This is a highly-eroding beach. Define effective sand management practices. Shoreline change rate: -9.0 ft/yr.; Transect: 1206





AP-9: Pocket Park #2, Holiday Inn Club Vacations

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Υ	 AP meets GLO accessibility (ADA) guidelines. AP meets GLO required parking requirements. Linear Ft of Beach: 939 Parking: 352 spaces Parking Required: 63 spaces
Signage and Wayfinding	Υ	 Conspicuous signage is installed directing public to access point and parking area. Conspicuous signage is installed at entrance listing general beach rules and contacts.
Improvement of Access Point	Υ	 Renovate Pocket Park to its pre-Ike condition or better. AP amenities are provided. AP is ADA accessible.
Restoration & Preservation of Natural Resources	Υ	 Parking areas ensure impacts to natural resources are minimized. Use pervious surfaces when reconstructing off-beach parking area to the west as this is an eroding area.
Special Comments	Make this a model access point for the beach user experience to be replicated along the beachfront. Shoreline change rate: -7.7 ft/yr.; Transect: 1219 This is a County-owned access point that the City manages. Presently no beach user fees are being charged. Recommended no fees be charged.	

Area Between AP-9 and AP-10 – Sands of Kahala Subdivision GALLO

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	• Linear Ft of Beach: Approx. 1,400 linear feet; Parking Required: Approx. 93 spaces
Signage and Wayfinding	N	 Signage exists indicating it is a private street. Install conspicuous signage to direct public to access point and on-street parking. Install conspicuous signage at entrance listing general beach rules and contacts.
Improvement of Access Point	N	Restore pedestrian paths or walkovers to the beach.
Restoration & Preservation of Natural Resources	N	
Special Comments	City to work with	POA to ensure access to the beach from this subdivision compliant.

Area Between AP-9 and AP-10 – Riviera I/II/West Beach Grand Condos

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	Approximately 450 linear feet of beach
Signage and Wayfinding	N	
Improvement of Access Point	N	
Restoration & Preservation of Natural Resources	N	
Special Comments	City to work with	POA to ensure access to the beach from this subdivision compliant.





AP-10: 10-Mile Road / Hershey Beach

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Relocate some on-beach vehicular access to off-beach parking locations. Maintain some vehicular access to the beach in designated areas. Improve existing off-beach parking lot to maximize number of parking spaces. Approx. 1,100 linear ft of beach with unrestricted access, and approx. 800 linear ft of restricted beach. (Verify # of off-beach parking spaces to be provided)
Signage and Wayfinding	N	Add conspicuous "City of Galveston"-branded signage and list general beach rules.
Improvement of Access Point	N	 Consolidate vehicular impact to beach environment by moving eastern bollards (west) to existing on/off-beach access at Hershey Beach Subdivision; Move portable bathrooms to parking area, away from tidal influence. Improve access road to reduce susceptibility to tidal influence. If off-beach access is to be provided on Sand Dollar Beach Drive, pedestrian access must be provided with an ADA dune walkover.
Restoration & Preservation of Natural Resources	N	 Add bollards at on-beach parking areas to protect LOV and reduce on-beach parking to protect dune system and provide public safety. Place sand fencing along area where vehicles once parked to restore dunes.
Special Comments Strategy for confidence of beach access		ach to the east (Riviera I/II/West Beach Grand and Sands of Kahala) is presently non-compliant. compliance is necessary before vehicular access can be restricted. Ask City Legal to verify status ess at this area. place to improve parking and ADA access, but are not yet implemented.

Shoreline change rate: -5.9 ft/yr.; Transect: 1241

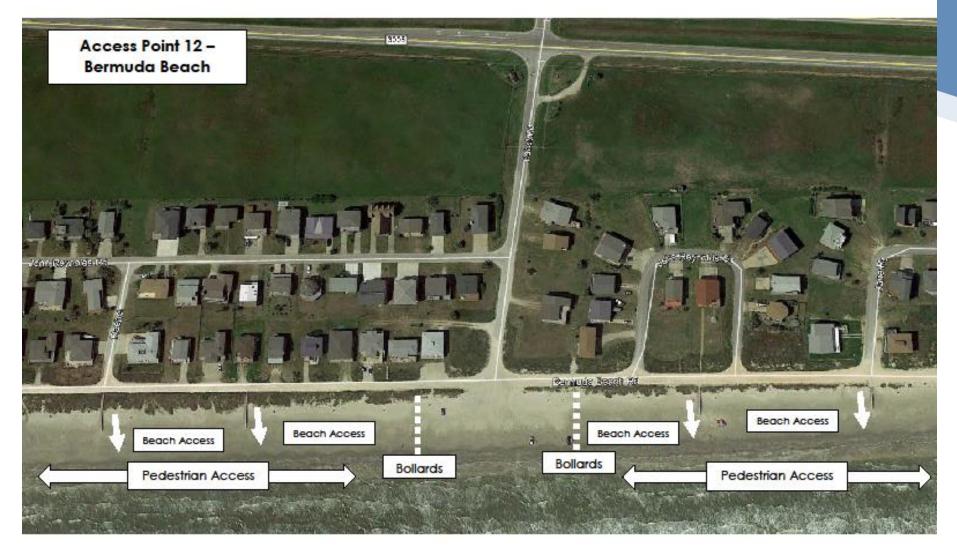




AP-11: Spanish Grant Subdivision



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Use publicly-owned assets for off-beach parking and access. Locate ADA parking near improved pedestrian access. Linear Ft of Beach: 1,700 Parking: 118 spaces Parking Required: 114 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage and list general beach rules. Add signage to identify ADA-designated parking.
Improvement of Access Point	N	 Reduce the number of pedestrian pathways through dunes. Encourage public access over pervious stabilized surfaces such as walkovers or beach mats to be ADA compliant.
Restoration & Preservation of Natural Resources	N	 Reduce pedestrian pathways to encourage growth of a continuous dune line. Restore the LOV.
Special Comments		Reduce pedestrian pathways There is no parking plan in SG Shoreline change rate: -5.2 ft/yr.; Transect: 1252





AP-12: Bermuda Beach Subdivision

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Maximize off-beach parking on streets. Ensure traffic/safety is maintained. Reduce on-beach parking, when options have been identified for off-beach parking at on-beach adjacent land or ROW within the subdivision. Linear Ft of Beach: 3,085 Parking: 277 spaces Parking Required: 206 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage and list general beach rules. Add signage to identify ADA-designated parking. Add dune protection/restoration signs. Remove 'No Parking' signage from one side of street. Add 'Parking Permitted' on opposite side of street.
Improvement of Access Point	N	 Reduce existing number pedestrian pathways. Use fewer <u>compliant</u> pedestrian pathways or walkovers. Ensure ½ mile access is maintained.
Restoration & Preservation of Natural Resources	N	 Reduce pedestrian pathways to encourage growth of a continuous dune line. Use fewer <u>compliant</u> pedestrian pathways or walkovers.
Special Comments		This is an over-stressed neighborhood, parking facilities are inadequate. Consider use of city-owned buy-out lots for off-beach parking. There are seven non-compliant dune walkovers in Bermuda Beach.

Shoreline change rate: -4.3 ft/yr.; Transect: 1264





AP-13: Pocket Park #3 (Closed)

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Restore off-beach parking lot and expand, if possible. Reconfigure access road to provide a turn-around /drop-off point. Close beach to vehicles. Linear Ft of Beach: 332 Parking: 273 spaces Parking Required: 23 spaces
Signage and Wayfinding	N	Add conspicuous "City of Galveston"-branded signage and list general beach rules.
Improvement of Access Point	N	 Restore amenities (pavilion, restrooms, showers). *** Make This A Model Access Point. *** Add an ADA walkover.
Restoration & Preservation of Natural Resources	N	 Restore dune and LOV, using bollards at AP-14. Combine with BAP 14 (at the same location)
Special Comments	 Close the beac personal water 	del beach access point. Combine AP 13 with BAP 14 (at same location). h to vehicles. Aps 10, 12, 16, and 17 all have on-beach access for beach front launching of craft. Inge rate: -2.8 ft/yr.; Transect: 1290





AP-14: 11-Mile Road



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking		***Recommendations combined with AP-13*** Linear Ft of Beach: 300 Parking: 66 spaces Parking Required: 20 spaces
Signage and Wayfinding		***Recommendations combined with AP-13***
Improvement of Access Point		***Recommendations combined with AP-13***
Restoration & Preservation of Natural Resources		***Recommendations combined with AP-13***
Special Comments		Combine this AP with AP 13. This is a redundant AP. Shoreline change rate: -2.7 ft/yr.; Transect: 1291













AP-15(A): Pirates Beach Subdivision

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Identify public parking locations with 'Parking Permitted' signage or striping; Avoid parking on both sides of road and include signage. Add ADA parking area with access to beach. Direct HOA to meet City and State off-beach parking requirements. Linear Ft of Beach: 5,388 Parking: 360 spaces Parking Required: 360 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to identify access points. Add signage to identify where parking is allowed and where it is not. Add signage at access paths to prevent parking that blocks pedestrian/golf cart access. Add signage listing general beach rules.
Improvement of Access Point	N	 Separate drainage infrastructure pathways from pedestrian beach access pathways. Improve pedestrian access paths, consider construction of pedestrian/accessibility ramps to beach (as per GLO Beach Accessibility Guide) to improve public safety and improve dune integrity.
Restoration & Preservation of Natural Resources	N	 Implement an effective sand management plan; Address drainage issues;
	Recommend drainage and	coastal flooding issue be studied by a coastal/civil engineering consultant for design

Special Comments

Recommend drainage and coastal flooding issue be studied by a coastal/civil engineering consultant for design recommendations to fix issues. Current conditions are a safety hazard. Average shoreline change rate: -1.7 ft/yr.;

Median Transect: 1310.5





AP-15(B): Palm Beach

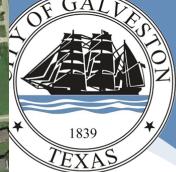
Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Identify public parking locations with 'Parking Permitted' signage or striping; Avoid parking on both sides of road, with signage. Add ADA parking area with access to beach. Direct HOA to meet City and State off-beach parking requirements. Linear Ft of Beach: 1,154 Parking: 77 spaces Parking Required: 77 spaces
Signage and Wayfinding	N	 Remove 'Resident Access Only' and 'Dead End No Turn Around' signs. Add conspicuous "City of Galveston"-branded signage to identify public parking and access points. Add signage to identify where parking is allowed and where it is not. Add signage listing general beach rules.
Improvement of Access Point	N	 Separate drainage infrastructure pathways from pedestrian beach access pathways. Improve pedestrian access paths, construct pedestrian/accessibility ramp to beach. Make paths or walkovers that are ADA compliant per GLO Beach Accessibility Guide. Reduce number of access paths. (Some paths serve one home). Limit paths to those that are safest and least impacted by erosion.
Restoration & Preservation of Natural Resources	N	 Encourage development of improved walkovers in order to reduce number of existing number of private pedestrian pathways to encourage dune growth. Implement an effective sand management plan.
Recommend drainage and coastal flooding issue be studied by a coastal/civil engineering consultant for		

Special Comments

Recommend drainage and coastal flooding issue be studied by a coastal/civil engineering consultant for design recommendations for fixing issues. Current conditions are a safety hazard.

Shoreline change rate: -1.1 ft/yr.; Transect: 1331





AP-15(C): Pirates Beach West

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Identify public parking locations with 'Parking Permitted' signage or striping. Avoid parking on both sides of road with signage. Direct HOA to meet City and State off-beach parking requirements. Add ADA parking area with access to beach. Linear Ft of Beach: 1,284 Parking: 86 spaces Parking Required: 86 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to identify access points; Add signage to identify where parking is allowed and where it is not; Add signage listing general beach rules.
Improvement of Access Point	N	 Repair public pedestrian pathways. Improve pedestrian access path at Silver Reef Ct. Construct pedestrian/accessibility ramp to beach at least one access point as per GLO Beach Accessibility Guide.
Restoration & Preservation of Natural Resources	N	Implement an effective sand management plan.
Special Comments	Recommend drainage and coastal flooding issue at Silver Reef Ct. be studied by a coastal/civil engineering consultant for design recommendations to fix issues. Current conditions are a safety hazard. Shoreline change rate: -1.0 ft/yr.; Transect: 1340	





AP-16: 13-Mile Road



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Repair 13-mile access road and improve to allow ROW parking. Linear Ft of Beach: 640 Parking: 267 spaces Parking Required: 43 spaces
Signage and Wayfinding	Υ	• Compliant
Improvement of Access Point	N	 Install bollards or sand fence along LOV for parking control measures to deter vehicular traffic/parking on vegetation.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to dune system by installing bollards and/or sand fence along LOV.
Special Comments		Confine parking area to allow restoration of the LOV and improve public safety. Shoreline change rate: -1.0 ft/yr.; Transect: 1344

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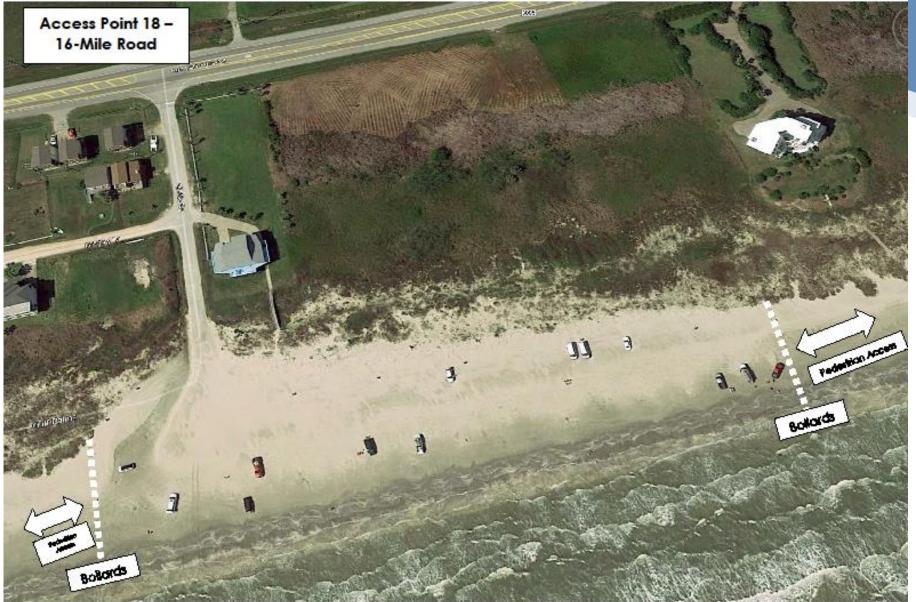




AP-17: 15-Mile Road

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Coordinate vehicular access and parking with State Park & Village of Jamaica Beach because of lack of City of Galveston jurisdiction. Linear Ft of Beach: 150 Parking: 32 spaces Parking Required: 10 spaces
Signage and Wayfinding	N	 Install conspicuous "City of Galveston"-branded signage at FM 3005 (both east & west) to direct beachgoers to public beach parking area and list general beach rules; Add signage to identify ADA-designated parking (on bollards).
Improvement of Access Point	N	Coordinate improvements with State Park & Village of Jamaica Beach.
Restoration & Preservation of Natural Resources	N	 Install sand fence or bollard line lateral to LOV to deter vehicular traffic/parking on vegetation following GLO guidelines.
Special Comments		Shoreline change rate: -0.9 ft/yr.; Transect: 1393

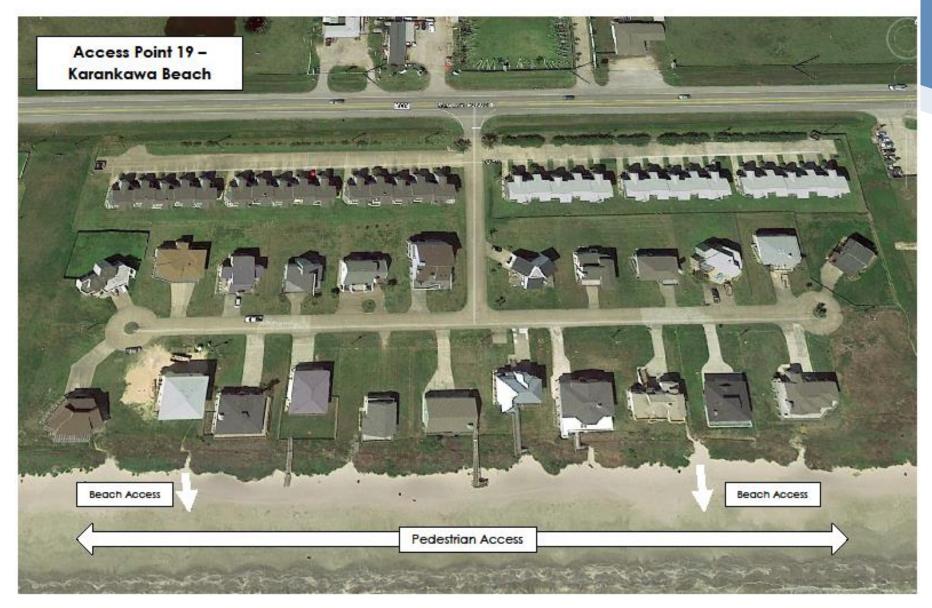




AP-18: 16-Mile Road

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Reduce on-beach parking by developing the most-efficient off-beach parking along 16-Mile Road ROW. Provide a turn-around drop-off point at end of road. Maintain golf cart ADA access. Linear Ft of Beach: 760 Parking: 328 spaces Parking Required: 51 spaces
Signage and Wayfinding	N	 Modify/remove no parking signage (if off-beach parking is to be provided on 16- Mile Road).
Improvement of Access Point	N	 Redirect drainage at adjacent Gulf Palms subdivision to mitigate runoff damage to beach and integrity of dune system.
Restoration & Preservation of Natural Resources	N	 Restore dune to minimize impacts to natural resources. Install sand fence or bollard line lateral to LOV to deter vehicular traffic/parking on vegetation following GLO guidelines.
Special Comments	Reduce space between bollards to accommodate required 51 parking spaces to reduce vehicular traffic, increase public safety, and promote healthy dune system. Shoreline change rate: -0.9 ft/yr.; Transect: 1424	



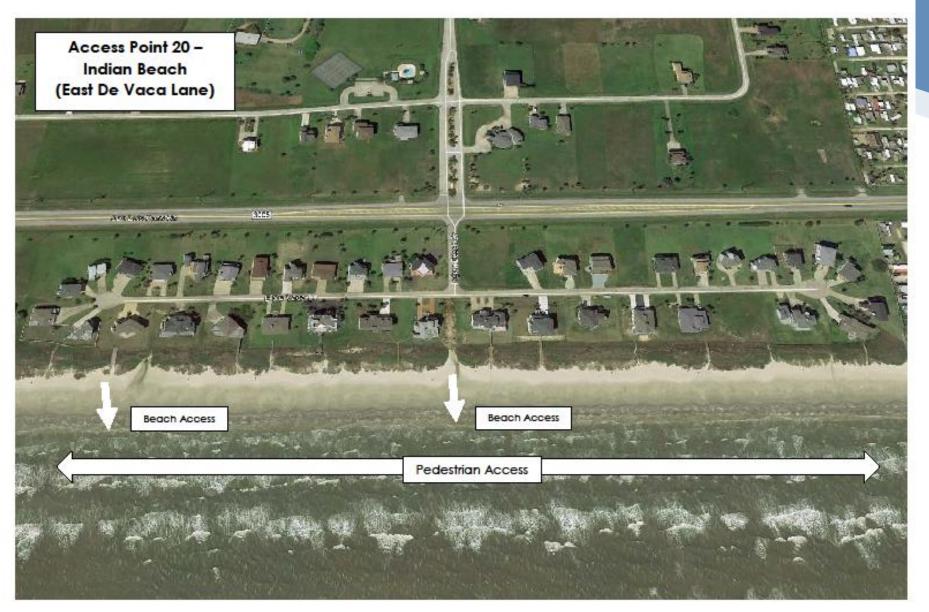


AP-19: Karankawa Beach

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Identify minimum required off-beach parking spaces for public use. Define public beach parking with signage and striping. Avoid parking on both sides of roads that are narrow. Add ADA parking area with easy access to beach – when ADA access provided. Linear Ft of Beach: 1,003 Parking: 40 spaces Parking Required: 67 spaces deficit parking
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers to public beach parking area and list general beach rules. Add signage to identify ADA-designated parking. Remove current signs that are not easily observed and undersized. Remove 'tow away zone' and 'no parking on grass signs' as they deter beachgoers from accessing the public beach.
Improvement of Access Point	N	 Reduce the number of private pedestrian pathways. Encourage improvement of public access over pervious stabilized surfaces such as walkovers or beach mats to be ADA compliant as per GLO Beach Accessibility Guide. Restore the second pedestrian access point – preferably a walkover.
Restoration & Preservation of Natural Resources	N	 Reduce private pedestrian pathways to encourage growth of a continuous dune line. Restore the LOV.
Special Comments	There is one public access, no public parking, and no signage. Clear and safe access is not provided. No ADA accessibility is available. Recommend vehicular beach access be restored if public access continues to be denied. Shoreline change rate: -0.7 ft/yr.; Transect: 1433	

Area Between AP-19 and AP-20 (Acapulco Village & TX Campgrounds)

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	
Signage and Wayfinding	N	
Improvement of Access Point	N	
Restoration & Preservation of Natural Resources	N	
Special Comments		ch area, private streets. City to investigate. ge of beach & shoreline change rates)









AP-20: Indian Beach

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Add required additional parking spaces on right-of-way within the subdivision. Designate ADA parking spaces with ADA access to beach. Linear Ft of Beach: 4,021 Parking: 200 spaces Parking Required: 268 spaces deficit parking
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers to public beach parking area and list general beach rules. Add signage to identify ADA-designated parking. Remove 'No Trespassing, No Public Dune Walk Over' signs.
Improvement of Access Point	N	 Reduce the number of private pedestrian pathways. Encourage public access over pervious stabilized surfaces such as ADA compliant walkovers or beach-mats. Restore public dune walkovers that existed pre-lke. Separate pedestrian access easements from drainage easements, to reduce washouts and improve public safety.
Restoration & Preservation of Natural Resources	N	 Reduce private pedestrian pathways to encourage growth of a continuous dune line. Restore the LOV to reduce beach erosion.

Special Comments

There is one public access, no public parking, and no signage. Clear and safe access is not provided. No ADA accessibility is available. Recommend vehicular beach access be restored if public access continues to be denied.

Shoreline change rate: -1.4 ft/yr.; Transect: 1451





AP-21: Kahala Beach Estates, Addition #1

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Add required additional parking spaces. Designate and stripe parking on north side of street on stabilized surface. Designate ADA parking spaces with ADA access to beach. Linear Ft of Beach: 1,850 Parking: 79 spaces Parking Required: 124 spaces deficit parking
Signage and Wayfinding	N	 Add signage to identify public walkover locations (currently non-existing). Add conspicuous "City of Galveston"-branded signage to direct public to parking, access, and general beach rules. Add signage to identify ADA-designated parking for walkovers. Remove any "Private" signage on public walkovers.
Improvement of Access Point	N	 Two designated public access easements are in the subdivision. Restore both public walkovers for ADA accessibility. Promote use of dune walkovers for public and private use. (Consider feasibility of ADA access given conditions on site). Identify with signage and improve pathways from the street to walkovers.
Restoration & Preservation of Natural Resources	N	 Extend dune walkovers to the edge of the LOV to ensure safe access and minimize impacts to natural resources.
Special Comments		





AP-22: Holiday Inn Resorts

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Y	 Parking spaces at east parking lot exceed amount required by the GLO and provide ADA access; West parking lot is not needed to fulfill parking requirement. Linear Ft of Beach: 635 Parking: 58 spaces Parking Required: 43 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers to public beach parking areas; Add signage that lists general beach rules at parking area; Add signage to identify ADA-designated parking (Staff will verify with developer if public can use ADA walkover at building).
Improvement of Access Point	Y	 Port-o-potties located at east parking area; parking area easy to identify; permeable parking area; diversity of access requirements achieved.
Restoration & Preservation of Natural Resources	Υ	 Parking area ensures impacts to natural resources are minimized; minimizes use of impervious surfaces; practices effective sand management. Stop over-grooming of beachfront.
Special Comments	This is an exemplary public access point with no deficiencies. The west lot is speculative with regard to public access and should not be considered now. Wheelchair accessible ramp from east parking lot. Shoreline change rate: -1.5 ft/yr.; Transect: 1489	





AP-23: The Dunes of West Beach

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Use publicly-owned land within subdivision for additional public parking. Available city easement is 38' X 195,' is north of 25' offset, and can provide ADA and regular parking. Designate and stripe parking on north side of street on stabilized surface. Linear Ft of Beach: 3,045 Parking: 203 spaces Parking Required: 203 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage for public parking and lists general beach rules. Add signage to identify ADA-designated parking.
Improvement of Access Point	N	 Minimize traffic and safety hazards by locating parking off-street. Provide ADA access and amenities on City-owned easement. Create for ADA access. The public access points closest to the City-owned easements. Three additional public access easements exist
Restoration & Preservation of Natural Resources	N	 Reduce private pedestrian pathways to encourage growth of a continuous dune line. Restore the vegetation line, to reduce erosion on beach from run-off. ?
Special Comments		Presently, public access to beach does not exist. Recommend vehicular beach access be restored if public access continues to be obscured. Shoreline change rate: -2.1 ft/yr.; Transect: 1503





AP-24: Sandhill Shores

Guiding Principles	Conforms to Guiding Principles	Recommendations	
Vehicular Access and Parking	N	 Define public beach parking with signage or striping. Avoid parking on both sides of road as it is narrow. Add ADA parking area with access to beach. Linear Ft of Beach: 3,892 Parking: 259 spaces Parking Required: 259 spaces 	
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage; Add signage that lists general beach rules at parking areas; Add signage to identify ADA-designated parking. 	
Improvement of Access Point	N	 Identify and restore two public access points over pervious stabilized surfaces such as walkovers or beach mats to meet ADA requirement. 	
Restoration & Preservation of Natural Resources	N	 Reduce private pedestrian pathways to encourage growth of a continuous dune line. Restore the LOV to reduce erosion on the beach from run-off. 	
Special Comments	public access cor	access to beach does not exist. Recommend vehicular beach access be restored if ntinues to be obscured. e rate: -1.6 ft/yr.; Transect: 1529	





AP-25: Gateway Blvd-Sea Isle

Guiding Principles	Conforms to Guiding Principles	Guiding	
Vehicular Access and Parking	N	 Designate off-beach parking. Designate parking spaces along Gulf Drive leading to beach access. Linear Ft of Beach: 330 Parking: 144 spaces Parking Required: 22 spaces, VERIFY 	
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage. Add signage that lists general beach rules at parking areas. Add signage to identify ADA-designated parking. Consolidate signage. 	
Improvement of Access Point	N	 Install bollards or sand fencing along LOV for parking control measures to deter vehicular traffic/parking on dunes and vegetation. Create smooth transition from paved access road to beach. 	
Restoration & Preservation of Natural Resources	N	Minimize impacts to dune system by installing bollards or sand fence along LOV.	
Special Comments	The linear footage and the subsequent parking requirement of restricted beach in the 2012 plan needs to be verified. Shoreline change rate: -2.1 ft/yr.; Transect: 1542		



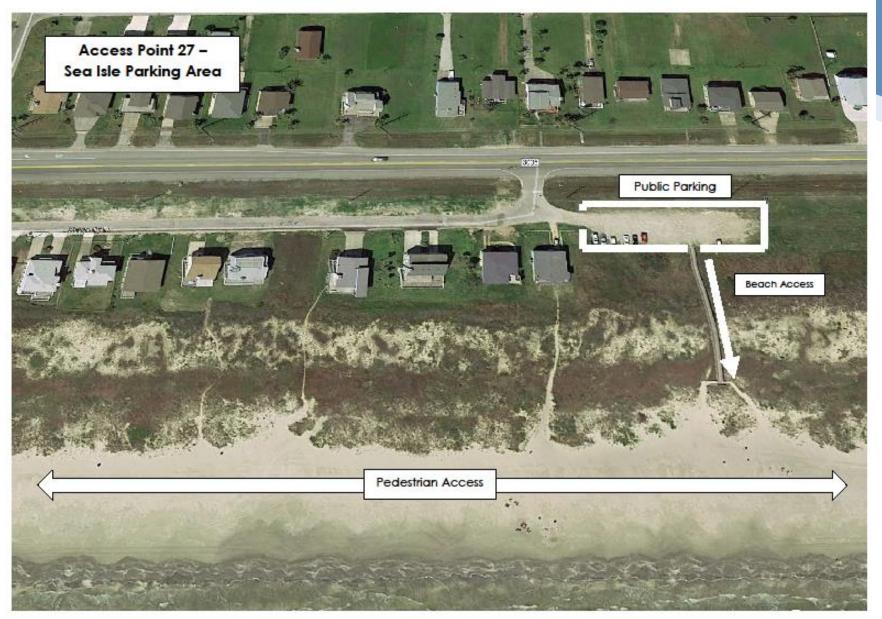


AP-26: San Jacinto Street – Sea Isle

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Designate off-beach parking on Kennedy. Designate parking along San Jacinto Drive leading to beach access. Linear Ft of Beach: 150 Parking: 57 spaces Parking Required: 10 spaces, Verify
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage to direct beachgoers. Add signage that lists general beach rules at parking areas. On-beach parking provides ADA accessibility.
Improvement of Access Point	N	 Install bollards or sand fence along LOV for parking control measures to deter vehicular traffic/parking on vegetation.
Restoration & Preservation of Natural Resources	N	Minimize impacts to dune system by installing bollards or sand fence along LOV.

Special Comments	The linear footage and the subsequent parking requirement of restricted beach in the 2012 plan needs to be verified.
	There are 2,140 linear ft to next western access point which would require 143 spaces. Shoreline change rate: -2.2 ft/yr.; Transect: 1558





AP-27: Sea Isle Parking Area

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Y	 Parking area ensures impacts to natural resources are minimized. AP minimizes use of impervious surfaces. Linear Ft of Beach: 900 Parking: 200 spaces Parking Required: 60 spaces VERIFY
Signage and Wayfinding	Y	 There is conspicuous signage directing the public to the access point and parking area. Install beach access sign going west on FM3005 and beach rules sign. ADA parking space and accessibility provided.
Improvement of Access Point	N	 Extend parking area to the east to comply with required 88 parking spaces, 2004 City Plan. Verify with 2012 Plan requiring 60 spaces. Extend dune walkover for ADA accessibility.
Restoration & Preservation of Natural Resources	Y	 Extend dune walkover to the LOV to encourage growth of a continuous dune line. Restore the LOV to reduce erosion from run-off. Encourage homeowners to use dedicated walkover from parking lot. (14 foot paths to beach are identified).

Special Comments

Rectify parking spaces require, 2004 versus 2012 data. Parking lot is 220' x 60.' Shoreline change rate: -2.4 ft/yr.; Transect: 1571

AP-28: Sea Isle/Terramar



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 No on-beach parking exists. Parking is located on Kennedy Dr or Gulf Dr. Linear feet of beach (Staff please verify) parking 630 required 255
Signage and Wayfinding	N	 Adequate signage is located on FM 3005. Remove 'no parking' and 'no beach access' signs. No signs indicate public access.
Improvement of Access Point	N	 Stripe designated public parking along Kenedy Dr – Gulf Dr. Designate a public access path. Create an ADA accessible path with a walkover or beach mat.
Restoration & Preservation of Natural Resources	Y	 This subdivision has a deep dune field seaward of the homes. Consolidate multiple private foot paths for a continuous dune system.

Special Comments

Shoreline change rate:
-2.9 ft/yr.;
Transect: 1584

This image is for AP 29 Isla del Sol Subdivision. Please RELABEL it as "Access Point 29"



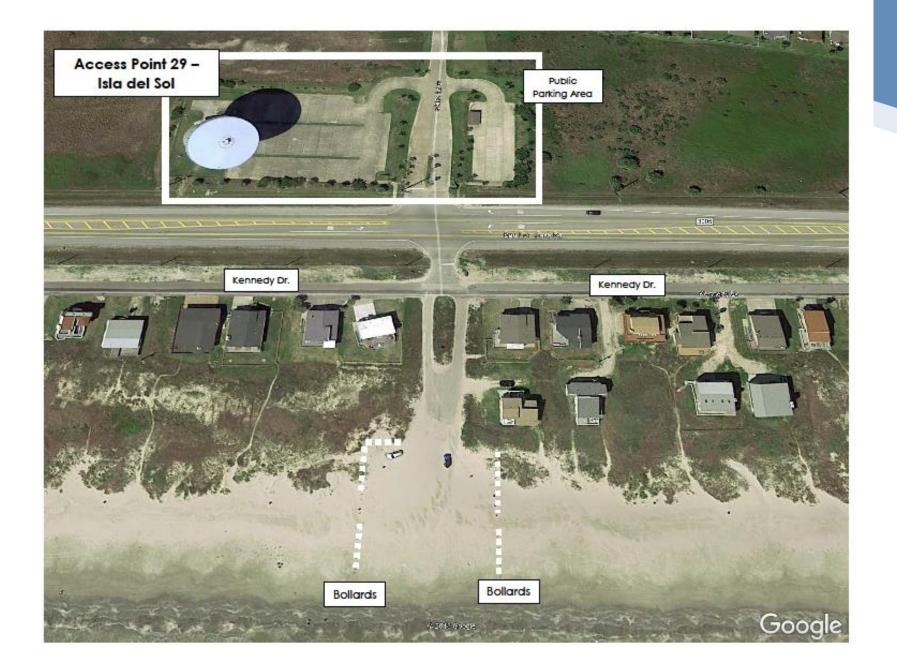


AP-29: Sea Isle & Isla del Sol

Special Comments

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Designate public parking on Gulf Dr./Kenedy Dr. with signage and/or striping. Close on-beach vehicular access and parking at end of Terra Beach Dr. Develop cul-de-sac drop-off site at end of Terra Beach Dr. Add ADA parking area with access to beach. Linear Ft of Beach: 3,815 Parking: 630 spaces Parking Required: 255 spaces Correct data for consolidation of all points.
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage. Identify AP and parking areas including parking area north of FM-3005 (AP 29). Add signage that lists general beach rules.
Improvement of Access Point	N	 Add an ADA walkover at end of cul-de-sac. Install bollards to restrict golf cart access causing break in dune system at west side entrance (<u>Gulf Dr. entrance</u>). Identify and restore public access points over stabilized surfaces such as walkovers or beach mats to meet ADA requirement.
Restoration & Preservation of Natural Resources	N	 Reduce private pedestrian pathways to encourage growth of a continuous dune line. Restore the LOV/dune along entire reach of beachfront to discourage private foot paths.

- Consolidate access points AP #28-#30.
- Work with TxDot & COG to Install pedestrian crossing safety improvements across FM-3005 to parking lot to the north (AP #29).
 - Shoreline change rate: -2.8 ft/yr.; Transect: 1582





AP-29: Isla Del Sol Subdivision – Parking lot



Guiding Principles	Conforms to Guiding Principles	Recommendations	
Vehicular Access and Parking		 Reference AP #28 comments (Staff to research history of the development of the parking lot) Parking spaces: 80 	
Signage and Wayfinding			
Improvement of Access Point			
Restoration & Preservation of Natural Resources			

Parking lot is located north of FM 3005. No shoreline change rate is established.

Special Comments





AP-30: Gulf Blvd / Isla Del Sol



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking		 Currently no public access. Consider consolidation with AP #28 and 29 (per previous comments) Linear Ft of Beach: 150 Parking: 57 spaces Parking Required: 10 spaces
Signage and Wayfinding		
Improvement of Access Point		Currently, there is no indication that this is a public beach access point.
Restoration & Preservation of Natural Resources		

BAPs #28 through #30 are within a half mile distance and could be consolidated.

Special Comments

Shoreline change rate: -3.0 ft/yr.; Transect: 1587





AP-31: Terramar Drive

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Explore off-beach parking opportunities. Explore parking opportunities along Gulf and Terramar Beach Drive. Linear Ft of Beach: 300 Parking: 124 spaces Parking Required: 20 spaces
Signage and Wayfinding	N	 Replace missing signage on FM 3005 heading westbound. Add conspicuous "City of Galveston"-branded signage to direct beachgoers. Add signage that lists general beach rules. On-beach parking exists for ADA accessibility.
Improvement of Access Point	N	 Install bollards and/or sand fence along LOV for parking control measures to deter vehicular traffic/parking on dunes/vegetation.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to natural resources by installing bollards or sand fence along LOV to deter vehicular traffic/parking on dunes/vegetation.
Special Comments		The linear footage and the subsequent parking requirement of restricted beach in the 2012 plan needs to be verified. Shoreline change rate: -3.2 ft/yr.; Transect: 1604





AP-32: Pocket Park #4

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Currently there exists no on-beach or off-beach access or parking. Develop an off-beach parking area. Linear Ft of Beach: 925 Parking: 188 spaces Parking Required: 62 spaces
Signage and Wayfinding	N	 Once parking area is developed, install conspicuous "City of Galveston"-branded signage. Install signage that lists general beach rules. Install signage to identify ADA-designated parking and access.
Improvement of Access Point	N	 Master Plan: Create a model beach-to-bay Pocket Park with amenities, including a motorized/non-motorized boat launch on the bay. Develop ADA beach access walkovers from parking area to the beach.
Restoration & Preservation of Natural Resources	Y	Minimize impacts to natural resources while implementing Master Plan.
Special Comments		 This site is owned by County and is an opportunity to develop a model Access Point. Master Plan: Create a model beach-to-bay Pocket Park with amenities, including a motorized/non-motorized boat launch on the bay. Shoreline change rate: -3.2 ft/yr.; Transect: 1615





AP-33: Second Street – Bay Harbor

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Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 If Pocket Park #4 is developed, this AP could be merged with AP #32. Meanwhile, develop off-beach parking on 2nd Street to reduce on-beach parking On-beach parking provides ADA access. Linear Ft of Beach: 2,025 Parking: 186 spaces Parking Required: 135 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage; Add signage that lists general beach rules. Relocate ADA signage out of LOV. Add additional ADA parking signs.
Improvement of Access Point	N	 Install lateral bollards and/or sand fence along LOV to deter vehicular traffic/parking on vegetation/dunes.
Restoration & Preservation of Natural Resources	N	 Install sand fence and/or bollard line along LOV to deter vehicular traffic/parking on vegetation.
Special Comments		 Seasonal on-beach vehicle access ends here from the west. Consolidate with AP-32 if possible. End seasonal on-beach vehicular access (which is between AP-35 and AP-33) Shoreline change rate: -3.3 ft/yr.; Transect: 1621





AP-34: Miramar Subdivision

Special Comments

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Develop "T-Head" on-beach parking area to meet GLO required parking standards Linear Ft of Beach: 1,572 Parking: 348 spaces Parking Required: 104 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage; Add signage that lists general beach rules and to identify ADA-designated parking.
Improvement of Access Point	N	 Minimize vehicular traffic and protect dune growth by consolidating on-beach parking. Separate drainage from parking/access. Remediate flooding/drainage issue at public access entrance.
Restoration & Preservation of Natural Resources	N	 Minimize vehicular impacts to natural resources by developing on-beach "T-Head" parking.

End seasonal on-beach vehicular access between AP-35 and AP-33.

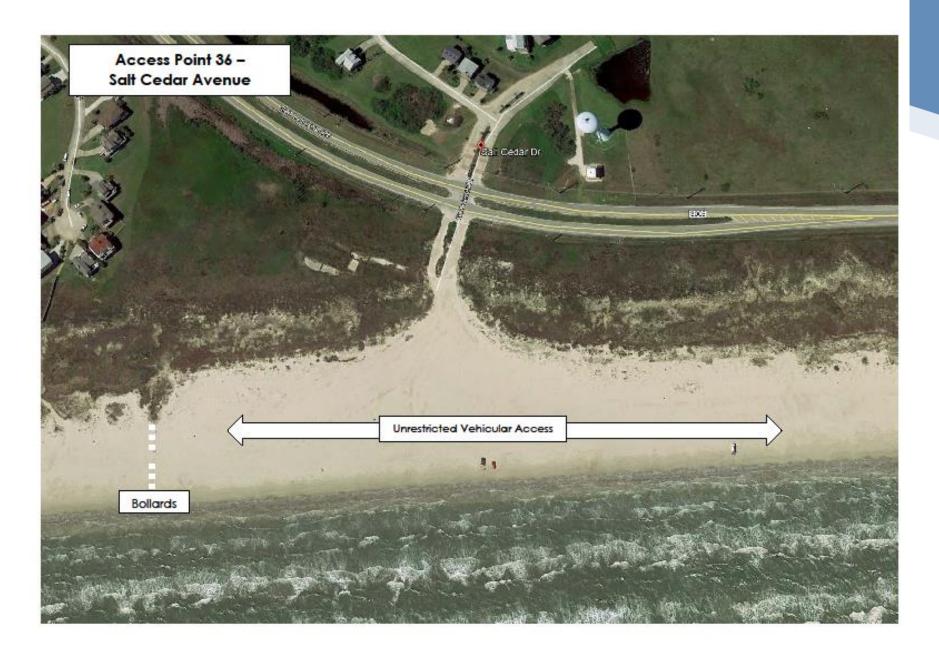
• Shoreline change rate: -3.3 ft/yr.; Transect: 1630





AP-35: Half Moon & Stavanger Beach

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Develop "T-Head" on-beach parking area to meet GLO required parking standards Linear Ft of Beach: 3,768 Parking: 2,000 spaces Parking Required: 251 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage; Add signage that lists general beach rules and to identify ADA-designated parking.
Improvement of Access Point	N	 Install bollards or sand fence along LOV to deter vehicular traffic/parking on vegetation; Investigate engineered solution for drainage/flooding issues at parking/access.
Restoration & Preservation of Natural Resources	N	 Install bollards or sand fence along LOV to deter vehicular traffic/parking on vegetation; Minimize vehicular impacts to natural resources by developing on-beach "T-Head" parking. Practice effective sand management.
Special Comments		 End seasonal on-beach vehicular access between AP-35 and AP-33. Shoreline change rate: -3.5 ft/yr.; Transect: 1645





AP-36: Salt Cedar Avenue

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Develop "T-Head" on-beach parking area to meet GLO required parking standards On-beach parking provides ADA access. Linear Ft of Beach: 1,000 Parking: 600 spaces Parking Required: 63 spaces
Signage and Wayfinding	Ν	 Add conspicuous "City of Galveston"-branded signage. Add signage that lists general beach rules and to identify ADA-designated parking.
Improvement of Access Point	N	 Install bollards or sand fence along LOV to deter vehicular traffic/parking on vegetation; Investigate engineered solution for drainage/flooding issues at parking/access.
Restoration & Preservation of Natural Resources	N	 Install bollards or sand fence along LOV for parking control measures to deter vehicular traffic/parking on dunes/vegetation. Minimize vehicular impacts to natural resources by developing on-beach "T-Head" parking.

Special Comments

- End unrestricted on-beach vehicular access at this access point.
- Shoreline change rate: -3.8 ft/yr.; Transect: 1663





AP-37: Playa San Luis Subdivision



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Designate public parking with striping within the subdivision. Linear Ft of Beach: 1,311 Parking: 120 spaces Parking Required: 87 spaces
Signage and Wayfinding	N	 Add west-bound signage from FM-3005. Add conspicuous "City of Galveston"-branded signage. Add signage that lists general beach rules. Add signage to identify the four public walkovers provided in the subdivision.
Improvement of Access Point	N	 Extend dune walkovers and/or use beach mats to the edge of the LOV to ensure compliance with state regulations, with at least one walkover being ADA compliant.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to natural resources by extending dune walkovers to LOV. Protect the growth of a continuous dune line.
Special Comments		This dune field has grown considerably since Hurricane Ike, and seems to be very healthy. Shoreline change rate: -3.8 ft/yr.; Transect: 1674





AP-38: Pointe San Luis #1



Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Maybe	 Linear Ft of Beach: 13,000 (Staff to verify LF of beach) Parking: 100 spaces Parking Required: 867 spaces (Staff to verify # of parking spaces)
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage. Add signage that lists general beach rules. Improve signage to identify the public parking and dedicated public walkover provided.
Improvement of Access Point	N	 Extend dune walkover to the edge of the LOV to ensure compliance with state regulations. Make public access dune walkover ADA compliant.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to natural resources by extending dune walkover to edge of LOV to encourage growth of a continuous dune line.
Special Comments		Shoreline change rate: -3.9 ft/yr.; Transect: 1675





AP-39: Pointe San Luis #2

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	Y	 Linear Ft of Beach: θ (Staff to verify LF of beach) Parking: 100 spaces Parking Required: 100 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage. Add signage that lists general beach rules. Current public access signs are small and hard to read. Visible 'Public Crossover' sign is present at parking area.
Improvement of Access Point	N	 Improve dune walkover to ensure ADA compliance by extending the walkover or installation of beach mats.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to natural resources by extending dune walkover or installing mobi- mats to edge of LOV to encourage growth of a continuous dune line.
Special Comments		This could be an area to provide improved ADA access to beach. Shoreline change rate: -3.6 ft/yr.; Transect: 1698





AP-40: Pointe San Luis #3

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Reduce linear footage of on-beach parking by moving the current bollard line to align with the Pointe San Luis #3 walkover. Linear Ft of Beach: 0 (Staff to verify LF of beach) Parking: 100 spaces Parking Required: 100 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage. Add signage listing general beach rules.
Improvement of Access Point	N	 Eliminate on dune driving to protect pedestrian path. Move the bollard line to protect the walkover and restrict on beach access.
Restoration & Preservation of Natural Resources	N	 Minimize impacts to natural resources by extending dune walkover or installing mobi- mats to edge of LOV to encourage growth of a continuous dune line;
Special Comments		Install bollards around the public off-beach parking area and pedestrian path/walkover, to stop vehicles from driving on the dune area. Shoreline change rate: -2.7 ft/yr.; Transect: 1716





AP-41: Pointe San Luis #4 (Toll Bridge Area)

Guiding Principles	Conforms to Guiding Principles	Recommendations
Vehicular Access and Parking	N	 Reduce or eliminate on-beach parking by developing a designated parking area along FM-3005; Maintain some vehicular access to the beach in designated areas with controlled/managed access. The 2012 Plan states fewer linear feet of on-beach parking than what actually exists. Linear Ft of Beach: 0 (Staff to verify LF of beach) Parking: 2,506 spaces Parking Required: 0 spaces
Signage and Wayfinding	N	 Add conspicuous "City of Galveston"-branded signage; Add signage that lists general beach rules.
Improvement of Access Point	N	 Minimize on-beach vehicular access. Identify parking control measures with bollards. Study options to reduce flooding after heavy rains that impede public access.
Restoration & Preservation of Natural Resources	N	 Install bollards or sand fence along LOV for parking control measures to deter vehicular traffic/parking on vegetation; Develop a parking area.
Special Comments		 Recommend Council has a discussion with GPD, Park Board/Beach Patrol, land owner, County, GLO, State Representative(s) and adjacent POAs for long-term strategies at the west end of Galveston. Create a public park with amenities. Shoreline change rate: +0.4 ft/yr.; Transect: 1738

DRAFT Global Recommendations

- 1. Restore Pocket Parks #1 (AP-6), #2 (AP-9), #3 (AP-13).
- 2. Develop Pocket Park #4 (AP-32).
- 3. Restore "Phantom" non-compliant access points. (Paul to develop list of these)
- 4. Clearly identify on-street public parking spaces by providing adequate signage and pavement-markings.
- 5. Restore the dune line, prioritizing critically eroding beaches (as defined by BEG shoreline change analysis).
- 6. Use city-owned property for off-beach parking areas, and if possible, acquire more property.
- 7. Research and clarify ownership of public access resources (streets, lots, parking, access paths to beach).
- 8. Improve safety at access paths by developing and implementing a plan for mitigating erosion associated with drainage to the beach.





Comment Card Responses Beach Access Q&A 01.24.19

(Each slide is an individual comment.)

AP: 1B-35

- Better signage for free parking areas Apffel / Stewart (Conspicuous)
- AP: 1B Signage & safe access path for pedestrians
- Access 13 either repair or remove from access rolls neighboring Access 14 current serving as access to beach in this area.
- AP: 13 rehab 13-Mile Road for better vehicular access.
- AP: 15A-C Better signage in neighborhood directing to access points (walkovers).
- AP: 15 This site needs constant sand maintenance at entrance during dry seasons.
- AP: 19 Better neighborhood signage to paths. Walkovers should be built to protect dunes / wetlands.
- AP: 20 same as 19 no clear signage of where path / walkover is located.
- AP: 23 / AP: 24 Ditto
- AP: 19 & 20 Spoke w/ Rhonda and like the idea of moving access points from neighborhoods (especially those w/o designated paths / walkovers). Also like the creation of uniform parking / signage, etc.
- AP: 29 Public parking area on N. side of 3005 better signage and pedestrian light to cross 3005 needed.
- AP: 32 Pocket Park 4 What is the plan for this? Could be great for access.
- AP: 40 Something needs to be done to keep people from crating paths through dunes (ex- w of walkover).
- AP: 37, 38, 39 Walkovers need to be extended to beach.
- AP: 34, 35 Ensure entryway is maintained to allow access after rain.



AP: 1B – Palisade Palms

- Can Access Point 1B allow vehicular traffic?
- Or anywhere in the middle of East Beach to service the beach?



AP: 3 – Seawall Urban Park & AP:11 – Spanish Grant







AP: 4 – End of Seawall

- As a board member and officer of the Diamond Beach Condominium Homeowners' Association, I am writing to
 request that the Galveston city administration consider solutions to rectify a serious safety issue regarding beach
 accessibility at the far west end of the Seawall. This location has a city parking lot that does a great job of serving
 beachgoers and fishermen. The problem is the continuously eroding path from the parking lot to the beach. This area
 also provides the primary beach access point for Diamond Beach and the many condominiums and apartments
 immediately across Seawall Boulevard. Our owners and guests use this path to avoid disturbing the sand dunes.
- It is our understanding that the City of Galveston is responsible for safe beach access. As the attached pictures show, the unsafe beach access path from that city lot is narrow, steep, rocky, eroding, and extremely dangerous. Visitors find this path to be dangerous, while vacation rental reviews point out the hazard with negative comments. Small children and even adults with no physical handicaps have fallen down this slope. We recently watched a young mother pick up her toddler to traverse the steep path, and then fall with baby-in-arms. Over-confident bicyclists have taken serious tumbles. Some have fallen into rock piles immediately adjacent to the path. The path is totally unusable for anyone with even minor physical handicaps. We are not aware of any serious injuries requiring emergency medical treatment, but the hazard level is clear, and liability risk for inaction is substantial.
- Over the past three years, Diamond Beach's HOA president (James Fuglaar), general manager (Charles Lemons) and I have had several meetings at the site with senior Galveston Park Board administrators and trustees, as well as Galveston City and County Engineers. Anyone that observes this location agrees instantly that something needs to be done, but there seem to be issues with overlapping jurisdiction, in that the Galveston Park Board, city & county governments and the Corps of engineers seem to have responsibilities relevant to this matter. Furthermore, the current pathway lies near a property boundary and may belong to IBC bank. To date, absolutely nothing has been done. During a recent visit to the site with members of the Park Board, several alternatives were considered, but most reasonable solutions appear to include options that overlap government responsibilities. During these discussions, we were made aware that the city's long-term plan includes a handicap-accessible walkover from the end of the seawall down to the beach. Such a structure would provide ideal safe beach access for Galveston beachgoers parking in the city lot at the end of the seawall, as well as for owners and renters staying at Diamond Beach and nearby condos, yet avoid any concerns regarding city work on private property
- The city has done a terrific job of beautifying the Seawall. Furthermore, we at Diamond Beach are extremely supportive of ongoing efforts on the part of the city, the park board, and the GLO to renew beaches and build protective dunes to limit flooding during high tide events. We sincerely hope that the city will address this beach access problem at the west end of the Seawall. Mr. Lemons and I would be happy to host a site visit so that concerned city council members can see this problem for themselves.



AP: 6 – Pocket Park #1

- More signs please about dogs on leash and cleaning up after your dog.
- Love this access.



AP: 6 – Pocket Park #1

- I like the idea of the angled access to avoid run-off issues.
- Please include a statement on the guiding principles.
- For Access Point 6, I would recommend acquiring the Henderson property & Moody property on each side and expanding access there.
- Love the guiding principles, but I would recommend including a statement regarding financial sustainability and easing the burden of maintaining the beach open off the local community.



AP: 11 – Spanish Grant

- Please bear with me as I share our thoughts.
 - 1. Vehicle Access and parking- DO NO HARM TO SUBDIVISIONS where the property owners the taxpayers lose their quality of life.
 - Parking in particular in our subdivision is convenient and free to those who do not want to pay or have to follow city ordinances (leash law, glass containers, fireworks, golf carts, etc.) by the time the nonemergency number contact arrives- if they can arrive, the frustration for property owners is at a high level.
 - Then take into account those who trespass and picnic and use taxpayers property and showers for free!
 - In SG Beach the reserve/buyout property has become the only dune due to rapid erosion. We are in desperate need of dune renourishment and have requested help in the past from Dustin Henry but still don't know what would be in compliance with the many government levels of bureaucracy.
 - Please consider the consolidation and subsequent removal of ADA signage where it is literally No ADA
 access. Please make the appropriate accommodations at free parking pocket parks. This could be
 accomplished by re-opening the areas also jointly owned (we were told) by Galveston County.
 - Free parking is the key it is a joke to say that the fees are truly improving the ability of the average family to enjoy Texas Beaches and especially what is happening in Galveston.
 - Painted trashcans on the seawall while our roads are covered with dirty diapers, clothing, and just about any kind of litter left by the free parking people, you can imagine is a slap in the face to those of us paying the extremely high property taxes.
 - I do believe there is too much consideration given to the developer/member of this committee to protect his investments on several subdivisions with no real concern for those property owners who have no selfish investment agenda other than their individual home for their family.
 - In summary, the Park Board has maintained they have no duty to subdivisions where free beach parking is available. I suggest they either be abolished or take on the true intent of the General Land Office mandates.



AP: 15 – Pirates Beach &

AP: 41 Pointe San Luis #4

- I believe: All West End beach access points that sit <u>inside</u> a subdivision should be closed.
- The San Luis Pass beach area, currently a free-for-all, should be developed into a master-planned beach area for visitors with amenities, gates (user fees!) and "control" of the many visitors.
- A plus is that with a more "planned" and "controlled" area, lifeguards can plan for adequate patrols which will help prevent drownings at San Luis Pass.
- THINK BIG!



AP: 18 – 16-Mile Road

- Want to make sure that the bollards on the west side of the public beach parking doesn't move farther west in front of the homes in Gulf Palms.
- If move room for parking is needed move bollards east as there is only 1 house east of access point 18.
- Would rather see the parking area stay the same, no larger.



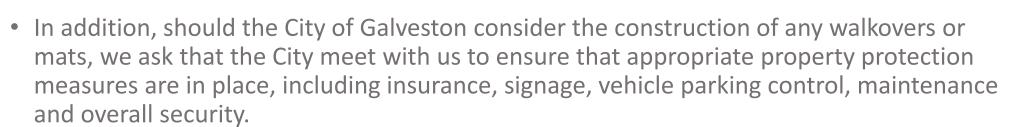
AP:23 – Dunes of West Beach

- I previously lived on the Gulf Coast of Florida and was pleased with the access and parking for their beaches. You paid for parking and use of the amenities.
- There was no parking or driving on the beach. We were happy to use and pay for parking in their lots because the beaches were kept natural.
- I am currently a homeowner at the Dunes of West Beach and on behalf of the Homeowners Association, we do not support parking or driving on the beach.
- Any parking lots built need to be in areas not to diminish the value of our homes.



AP:23 – Dunes of West Beach

• On behalf of the Board of Directors of The Dunes of West Beach Community Services Association, Inc. representing 35 property owners, I would like make clear that we are unanimous in our opposition to the construction of any public walkovers or mats for beach access in our subdivision and we will not financially support any portion of such construction.



- As a practical matter, Dunes homeowners have no need of public walkovers since essentially all of the homeowners have already paid for and built walkovers to the beach. In addition, the Holiday Inn Galveston Seaside Resort immediately adjacent to the Dunes already has a public walkover to the beach along with public parking and restroom facilities that are lightly used.
- Additionally, we feel that the most cost-efficient, user-friendly, and safe beach access plan for Galveston's west end visitors would consist of the existing pocket parks many of which are underutilized and possible new parks in the San Luis area, which may also provide a new revenue stream for the City.



AP: 34 – Miramar Subdivision & AP: 35 – Half Moon Beach & Stavanger Beach

- Unfortunately, I work in Canada and am unable to attend the meeting planned for November 7th, to provide verbal input on the beach access plan. Therefore, I hereby provide that input in writing and trust it will add some value.
- Firstly, I wish to make it clear that despite being a homeowner on this stretch of beach, I totally agree and accept the position that I have no more right to beach access than any other Texan or visitor to the area. However, I contend that this access should be on the same basis for all, as I will explain.
- It should be apparent that this length of beach is completely built out from a residential perspective and has a bustling RV park running parallel to it across the road. Consequently, the beach is very popular with residents and visitors alike, with many of the users being young children. It would not he an exaggeration to conclude that this beach has considerably more younger users than several less built out beaches that have pedestrian only status. Vehicles are an obvious hazard to children, who are often oblivious to their surroundings while playing happily. This is especially the case with many drivers treating the beach as a less policed highway.
- When my wife (age 59) and I (age 62) visit our home on the beach, often with guests, we park on our lot and then walk several hundred feet to the beach, carrying everything that we need to take. I contend then that it is only equitable that other beach users do the same, with their vehicles always parked in one of the access areas, which provide ample space. This would then keep the busy beach completely free from vehicles which are a danger to people and a hazard to wildlife. In closing, I respectfully request that the committee grants this stretch of beach, year round, pedestrian only status.



AP: 39 – Pointe San Luis #2

• We are extending the walkover #39 extending to the beach.



AP: 38 - 41

- These points are poorly maintained & frequently under water from rains & for high tides.
- To get to the beach requires walking through high water. Maintenance of pier is average but timbers show wood rot.
- Access 41 is typically flooded and to get to beach by vehicle notes frequent vehicles stuck, requiring to be towed.
- While on beach, frequent vehicle cutting donuts & destroying the beach.
- Poorly patrolled & trash not picked up for extended periods.



AP: 39 – Pointe San Luis #2

- The public access point on the east side of Pointe West have the public boardwalk that should extend past the wetlands area & to the beach.
- The boardwalk needs to be extended to the beach.
- It currently ends about ½ way through the wetland area causing people to walk through the marsh grass to get to the beach.



- I have been working & doing shorebird monitoring in Galveston since 2012 and I have observed fewer shorebirds, such as Piping Plovers, using stretches of beach where beach access points are frequent and closer together, and more birds use the beach where access points are further apart and fewer.
- My comment, based on my research & monitoring findings, would be not to increase the number of beach access points in an effort to conserve and protect the available beach left for the shorebirds.



- Vehicle driving and parking on beach between access points prohibited year round <u>unless</u>
 - Required for disable access
 - Actively used to clean & care for beach, i.e. trash pickup and beach sweepers.
- Better signage at beach access points with essential guidelines of do's and don'ts.
- No signage in dune protection areas.



- Use a carrot and stick to attract tourist to preferential parking areas:
 - DO NOT!
 - Give parking stickers to beach residents nor bay residents under a common HOA.
 - You will drive a wedge into the HOA's that characterize the west end communities.
 - DO NOT:
 - Limit current beach access in the neighborhoods to a degree that young and old cannot help but drive on Seawall or 3005 in golf carts to get to the beach. The first accident and their parents will owe the City when the trial is over.



- I want to thank you for holding this public meeting.
 - I personally feel public access is important while also protection the beauty and safety the public has come to experience.
- A few things that might accomplish both goals;
 - 1. Provide beach access without "driving on beach" as much as possible to protect children and wildlife.
 - I have seen speeding trucks weaving among tents almost hit groups of children.
 - 2. Work with accesses through private property cooperatively and constructively to try to upgrade access over a period of time.
 - (I feel regulatory groups are trying to be sensitive to this.)
 - 3. Provide basic services at designated public access and encourage people to use them.
 - Especially bathroom facilities. I see children in the dunes relieving themselves and it worries me a lot with the number of rattlers.
 - 4. The west end has a very large number of western diamond-backed rattlers in the beach dunes.
 - We have many reports of rattler/human encounters on the way to the beach. Snakebites are inevitable at this level. Consider some sort of mitigation of levels of rattlers and a serious education program of avoidance. People see the signs and still do not realize the danger is real.
 - 5. Once vehicles are off-the-beach enforce the laws (help make money to put in bathrooms/porta-potties).
 - I see 4 wheelers and trucks pulling campers enter at #36 to drive all the way to the west end of the island. And the 4 wheelers have fun running the dunes on the way. (pictures available)
 - 6. One of the most beautiful spots on Galveston Island is at the bridge end. The roads into it are very bad so people enter at inappropriate points and drive down the beach.
 - Maybe these roads could be improved to allow better access? I know this is a dangerous area for swimming OR
 - 7. Maybe parts of this beautiful are could be made into a park or nature setting.
 - Something that discourages swimming but encourages use.
 - 8. Encourage donations from people/owners who believe that certain areas are so beautiful they want to help protect them and help create ways for the public to enjoy them.
 - That way not all the financial burden falls on government.
 - 9. The public meeting on 1/24/19 was very helpful and I hope there will be continued outreach to owners (and visitors) to keep the wilds and beaches of Galveston beautiful and accessible. THANK YOU



Q&A Photos – 01.24.19













Q&A Photos – 01.24.19













